

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

### REMARKS

#### Present Status of the Application

The Office Action rejected all presently-pending Claims 1-18.

Upon traversal submitted on May 2, 2006, Claims 3 and 5-7, as originally filed, are rejoined.

Applicant submits that some typing errors presented in the disclosure have been corrected without entering any new matter.

Applicant further submits Claim 16 has been amended to include subject matter contained in its direct dependent Claim 17, while Claim 17 has also been amended in accordance with the change to Claim 16. The other claims remain unchanged. Since all claimed subject matters submitted in the current forms have been considered, such an amendment would not deem to necessitate a new ground. As such, should a next Office Action be made in which rejection against the present application is sustained, and/or a new reference is cited, the Office Action should not be made Final.

#### Claim Rejections – 35 USC§102

The Office Action rejected Claims 1, 2, 7-10, 16, and 17 under 35 U.S.C.102 (e) as being anticipated by Tanaka et al (US Pub 2004/0257535).

Responsive to the rejections thereto, Applicant has amended Claims 16 and 17, and hereby otherwise traverses these rejections. As such, Applicant submit that Claims 1,

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

2, 7-10, 16 and 17 are novel and unobvious over Tanaka, or any of the other cited references, taken alone or in combination, and should be allowed.

Independent 1, as originally filed, recites in part:

A projection device ... comprising:

...

the beam breaker module block the passing light beam within a specific time period **according to a state of the color production device** (Emphasis added).

Applicant submit that the present projection device, as set forth in Claim 1, as originally filed, is neither taught, disclosed nor suggested by Tanaka, or any of the other cited references, taken alone or in combination, because Tanaka fails to teach, disclose, or suggest a limitation of "the beam breaker module block the passing light beam within a specific time period **according to a state of the color production device**" (Emphasis added).

Tanaka teaches: "[T]he shutter 7 is provided on its light-blocking part 17 with the sensor means 8 for detecting the color temperature of the projection light from the projection optics 6" (Paragraph [0041]). In such a way, Tanaka teaches a projection device with a shutter blocking the projection optics 6 in a time manner, according to the color temperature of the projection light from the projection optics 6 detected by the sensor means 8.

When trying to anticipate the present invention, the projection optics 6 of Tanaka is alleged to read on the projection lens, and color wheel means 4 is alleged to read on the

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

color production device (Page 2 of the current Office Action). Applicant submits that Tanaka's shutter 7 is operated according to a physical character (color temperature) of light projected from the alleged projection lens. There is no evidence showing that the color temperature of projection light from the projection optics 6 could possibly be mapping related to a state of the color wheel means 4 (color production device). Therefore, the shutter 7 with a sensor means 8 detecting the color temperature of the projection light from the projection optics 6 does not deem the present projection device *prima facie* anticipated.

Accordingly, independent Claim 1 and its dependent Claims 2, 7-10 are submitted to be novel and unobvious over Tanaka, or any of the other cited references, taken alone or in combination, and thus should be allowed.

Similarly, independent Claim 16, as currently amend, recites in part:

A projection device ... comprising:

...

a beam breaker module, disposed between the light source and the screen, **the beam breaker comprising an optical sensor disposed beside the color production device, so as to sense a state of the color production device,...** (Emphasis added)

Applicant submits that Tanaka fails to teach, disclose, or suggest a "beam breaker comprising an optical sensor disposed beside the color production device, so as to sense a state of the color production device".

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

As shown in FIG. 1 of Tanaka, although the sensor means 8 that is alleged to read on the optical sensor, and the color wheel means 4 that is alleged to read on the color production device, are disposed within a same casing 2, Tanaka does not define further about a relative positional relationship therebetween. Further, as discussed above, the sensor means 8 is employed for detecting a color temperature of the projection light from the projection optics 6 (Paragraph [0041]), rather than to "sense a state of the color production device" as require by the present invention as set forth in Claim 16, as currently amended.

As such, Claim 16 and it dependent Claim 17 are submitted to be novel and unobvious over Tanaka, or any of the other cited references, taken alone or in combination, and thus should be allowed.

**Claim Rejections - 35 USC§103**

The Office Action rejected Claims 3-6 under 35 U.S.C.103 (a) as unpatentable over Tanaka et al (US Pub 2004/0257535).

If independent claim 1 is allowable over the prior art of record, then its dependent Claims 3-6 are allowable as a matter of law.

The Office Action rejected Claims 11-15 under 35 U.S.C.103 (a) as unpatentable over Tanaka et al (US Pub 2004/0257535) in view of Kwon (US Pub 2005/0018145).

If independent Claim 1 is allowable over the prior art of record, then its dependent

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

Claims 11-15 are allowable as a matter of law.

The Office Action rejected claim 18 under 35 U.S.C.103 (a) as unpatentable over Tanaka et al (US Pub 2004/0257535) in view of Wang (US Pub 2004/0135975).

If independent Claim 16 is allowable over the prior art of record, then its dependent Claims 18 is allowable as a matter of law.

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

**CONCLUSION**

For at least the foregoing reasons, it is believed that the pending Claims 1-18 are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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Respectfully submitted,



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